

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.-14. (CANCELLED)

15. (NEW) An acetabular implant cup insert for a joint prosthesis, the insert being of the type comprising a metal shell and a polymer lining lining the inside space of said shell, a receptacle for a prosthetic head being formed in the lining, said shell presenting on its inside space means for preventing said lining being extracted from the shell and means for preventing the lining turning in the shell, wherein said means for preventing the lining being extracted comprise a stud disposed on the end wall of the shell and presenting at least one groove or lip.

16. (NEW) An insert according to claim 15, wherein said means for preventing extraction of said lining include at least one lip.

17. (NEW) An insert according to claim 15, wherein said means for preventing said lining being extracted include at least one groove.

18. (NEW) An insert according to claim 15, wherein said means for preventing the lining from turning comprise projections formed on the surface of the wall defining the inside space of the shell.

19. (NEW) An insert according to claim 18, wherein said projections are ribs extending over all or a fraction of the height of the inside space of the shell.

20. (NEW) An insert according to claim 15, wherein said means for preventing the lining from turning comprise depressions formed in the surface of the wall defining the inside space of the shell.

21. (NEW) An insert according to claim 16, wherein said means for preventing the lining from turning comprise projections formed on the surface of the wall defining the inside space of the shell, and wherein projections are formed on the lip.

22. (NEW) An insert according to claim 16, wherein said means for preventing the lining from turning comprise depressions formed in the surface of the wall defining the inside space of the shell, and wherein depressions are formed in the lip.

23. (NEW) An insert according to claim 15, wherein the anterior portion of said shell presents a conical shape.
24. (NEW) An insert according to claim 15, wherein the wall of the receptacle is covered in ceramic.
25. (NEW) An insert according to claim 15, wherein said lining is obtained by an operation of thermocompressing said polymer in said inside space of the shell, followed by a machining operation.
26. (NEW) An insert according to claim 15, wherein said lining is obtained by prior shaping, and wherein it is put into place by being impacted into the shell.
27. (NEW) An acetabular implant of the type comprising a cup for being fastened in the pelvis or a shoulder blade of a patient, and an insert lining the inside of said cup in order to receive a prosthetic head, wherein the insert is of the type according to claim 15.
28. (NEW) A joint prosthesis of the type comprising an acetabular implant and a prosthetic head, wherein said implant is of the type according to claim 27.